

a) What parts/functions of the tender and locomotive consist will be “inspected” and how, before the consist is placed on trains and at the New Smyrna Locomotive Shop?

LNG locomotives and Tenders will be inspected in accordance with 49 CFR 229 inspection requirements. In addition, the inspector will ensure that the Tender has no visible frost or condensation on ISO tank and no visible or audible leaks from any connections. Frost on the ambient coil or piping is normal as a result of the Tender building pressure prior to consist departure.

Hoses will be inspected to ensure that they are properly connected to the locomotive and are free from visible damage or pinch points. Inspector will also ensure that control panels are closed and latched. FECR will provide training and visual aids to all FECR Train Crews and related employees (e.g. - Mechanical) working on or around the LNG equipment.

b) Qualifications of the individuals who will be performing the inspections, including the level of competency to perform inspections of cryogenic equipment and associated appurtenances.

FECR will utilize Train Crews trained in the basics of LNG and cryogenic liquids in general to inspect the LNG consist. During the Phase 2 testing, FECR will also have GE and LNG experts onboard the locomotive consist. Additionally, a Chart Industries cryogenic expert will be present on initial trips. FECR personnel involved with the LNG initiative will also be onboard to gain knowledge from the Chart and GE experts, gain experience with the equipment and processes and to ingrain LNG into our safety culture at FECR.

c) Types of documents and oversight items that will be generated prior to, during and completion of a test run.

Documents will be required ensuring that each Train Crew operating an LNG consist has received orientation and basic training in LNG. This training is being rolled into FECR annual training programs. Other documents generated prior to a test run will include at minimum:

- Train consist
- Presence of any Hazmat in train (and positioning if present)
- Waybills
- Train dispatching bulletins
- Locomotive inspection report
- Brake test documentation.